Model Information

Model Performance:

- Model: Linear Regression
- MAE: ₹2.91L
- R² Score: 0.31
- Features: Experience, Department, Age, Performance
- Improvement over baseline: 16.4%

About the Model

This model predicts employee salaries based on:

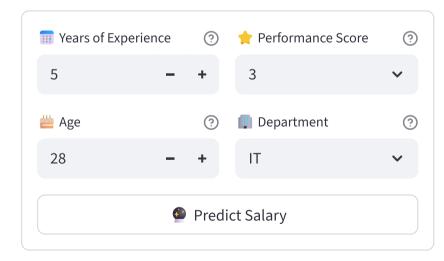
- Years of Experience (strongest predictor)
- **Department** (significant

Employee Salary Prediction **Dashboard**



6 Salary Prediction

Enter employee details below to predict their expected salary:





Salary Drivers:

- IT & R&D pay highest
- **Experience matters** most
- Performance impacts growth
- Age has moderate effect
- **III** View Department Salary Ranges

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☑ Prediction Complete!

Predicted Salary ?

monthly Salary ?

📊 Salary Band 💿

₹6.0 L

₹50,074

50-75%

Prediction Insights

Input Summary:

• Experience: 5 years

• Department: IT

• **Age**: 28 years

• Performance: 3/5

Salary Factors:

• Experience: Mid-level - solid experience

• **Department**: High-paying tech sector

• Performance: Good

Model Confidence: This prediction is based on a Linear Regression model trained on 200,000 employee records. Accuracy: Mean Absolute Error of ₹2.91L (Model is 16.4% better than baseline) Note: Actual salaries may vary based on company size, location, specific skills, and market conditions.

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Employee Salary Predictor

■ Employee Salary Prediction System | Built with Streamlit & Machine Learning

Model trained on 200,000+ synthetic employee records | **◎** For demonstration purposes

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